

ABSTRACT

A monoclonal antibody which enables to distinguish the abnormal type prion from the normal type prion, as well as production process thereof, is disclosed. The anti-abnormal type prion monoclonal antibody of the invention reacts with abnormal type prion by antigen-antibody reaction but does not substantially react with normal type prion by antigen-antibody reaction. The anti-abnormal type prion monoclonal antibody of the invention may be obtained by immunizing an animal with an immunogen including a peptide containing a plurality of regions in the abnormal type prion, which regions are discontinuous each other in primary amino acid sequence of the abnormal type prion.